CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/096,648

CRF Processing Date: 6/22/98
Edited by: _____
Verified by: _____ (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII

- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- ☐ Edited a format error in the Current Application Data section, specifically _____

- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

- ☐ Added the mandatory heading and subheadings for "Current Application Data".

- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- ☑ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 6

- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- ☐ Inserted colons after headings/subheadings. Headings edited included: _____

- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

- ☑ Inserted ~~mandatory~~ headings, specifically: _Seg. 9 — inserted (ix) FEATURE: heading_

- ☐ Corrected an obvious error in the response, specifically: _____

- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

- ☐ Corrected an error in the Number of Sequences field, specifically: _____

- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- ☑ Other: _Seg 9 — numbered aa's_
  Seg 10 — added (H) DOCUMENT NUMBER: subheading

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*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

INPUT SET: S26847.raw

> This Raw Listing contains the General
> Information Section and those Sequences
> containing ERRORS.

```
 1                                    SEQUENCE LISTING          Does Not Comply
 2                                                         Corrected Diskette Needed
 3    (1)     General Information
 4
 5            (i) APPLICANT: Hadlaczky, Gyula
 6                           Szalay, Aladar
 7
 8            (ii) TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF AND
 9    METHODS PREPARING ARTIFICIAL CHROMOSOMES
10
11            (iii) NUMBER OF SEQUENCES: 12
12
13            (iv) CORRESPONDENCE ADDRESS:
14               (A) ADDRESSEE: Brown, Martin, Haller & McClain
15               (B) STREET: 1660 Union Street
16               (C) CITY: San Diego
17               (D) STATE: CA
18               (E) COUNTRY: USA
19               (F) ZIP: 92101-2926
20
21            (v) COMPUTER READABLE FORM:
22               (A) MEDIUM TYPE: Diskette
23               (B) COMPUTER: IBM Compatible
24               (C) OPERATING SYSTEM: DOS
25               (D) SOFTWARE: FastSEQ Version 1.5
26
27            (vi) CURRENT APPLICATION DATA:
28               (A) APPLICATION NUMBER:
29               (B) FILING DATE:
30               (C) CLASSIFICATION:
31
32            (vii) PRIOR APPLICATION DATA:
33               (A) APPLICATION NUMBER: 08/629,822
34               (B) FILING DATE: 10-APR-1996
35               (C) CLASSIFICATION:
36
37            (viii) ATTORNEY/AGENT INFORMATION:
38               (A) NAME: Seidman, Stephanie L
39               (B) REGISTRATION NUMBER: 33,779
40               (C) REFERENCE/DOCKET NUMBER: 6869-402A
41
42            (ix) TELECOMMUNICATION INFORMATION:
43               (A) TELEPHONE: 619-238-0999
44               (B) TELEFAX: 619-238-0062
45               (C) TELEX:
```

[Handwritten annotation across lines 34-36: "This heading ONLY belongs under (vi) CURRENT APP DATA."]

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/096,648*

DATE: 06/22/98
TIME: 11:03:04

INPUT SET: S26847.raw

```
      46
      47
```

ERRORED SEQUENCES FOLLOW:

```
      224              (2) INFORMATION FOR SEQ ID NO:6:
      225
      226          (i) SEQUENCE CHARACTERISTICS:
-->   227            (A) LENGTH: 47 base pairs
      228            (B) TYPE: nucleic acid
      229            (C) STRANDEDNESS: single
      230            (D) TOPOLOGY: linear
      231
      232          (ii) MOLECULE TYPE: RNA
      233          (iii) HYPOTHETICAL: NO
      234          (iv) ANTI-SENSE: NO
      235          (v) FRAGMENT TYPE:
      236          (vi) ORIGINAL SOURCE:
      237          (ix) FEATURE:
      238
      239          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
      240
      241  CCGCTTAATA CTCTGATGAG TCCGTGAGGA CGAAACGCTC TCGCACC
      242
      243
      244
```

47 ← insert

```
      284              (2) INFORMATION FOR SEQ ID NO:9:
      285
      286          (i) SEQUENCE CHARACTERISTICS:
      287            (A) LENGTH: 69 base pairs
      288            (B) TYPE: nucleic acid
      289            (C) STRANDEDNESS: single
      290            (D) TOPOLOGY: linear
      291
      292          (ii) MOLECULE TYPE: Genomic DNA
-->   293            (D) OTHER INFORMATION IL-2 signal sequence
      294
      295          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
      296
      297  ATG TAC AGG ATG CAA CTC CTG TCT TGC ATT GCA CTA AGT CTT GCA CTT    48
      298  Met Tyr Arg Met Gln Leu Leu Ser Cys Ile Ala Leu Ser Leu Ala Leu
      299    1              5                    10              15
      300  GTC ACA AAC AGT GCA CCT ACT                                       69
      301  Val Thr Asn Ser Ala Pro Thr
      302              20
```

*insert this heading ABOVE
the "(D) OTHER INFORMATION:"
subheading
(ix) FEATURE:*

*Per 1.822 (m) of Sequence Rules, ALL amino acids need to
be numbered under every 5 amino acids. DO NOT use
TAB codes between amino acid numbers. TAB codes don't
process well — use space characters, instead.*

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 945 base pairs
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(vi) ORIGINAL SOURCE:

(ix) FEATURE:

   (A) NAME/KEY: Coding Sequence
   (B) LOCATION: 1...942
   (D) OTHER INFORMATION: Renilla Reinformis Luciferase

(x) PUBLICATION INFORMATION:
(H) *Document Number:*
~~PATENT NO.~~: 5,418,155

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/096,648*

INPUT SET: S26847.raw

Line	Error	Original Text
227	Entered (47) and Calc. Seq. Length (0) differ	(A) LENGTH: 47 base pairs
293	Unknown or Misplaced Identifier	(D) OTHER INFORMATION IL-2 signal sequence